

Indian Bark and Timber Beetles VI.

312. Contribution to the morphology and taxonomy of the *Scolytoidea*.

by

Karl E. SCHEDL

SUMMARY

Records of Scolytidae and Platypodidae based on the South India Expedition of the Muséum d'Histoire naturelle in Genève 1972 are listed, also a few notes of other material, descriptions are given of *Hylesinus dolus* n. sp., *Trogloditica robusta* n. sp., *Cladoctoporcus* nov. gen., *Cladoctoporcus scrofa* n. sp., *Poecilips elongatulus* n. sp., *Coccotrypes exasperatus* n. sp., *Xyleborus cruralis* n. sp., *Xyleborus speciosus* n. sp. and *Xyleborus strohmeyeri* n. sp.,

INTRODUCTION

This report of bark and timber beetles from South India is based mainly on material originating from an expedition of the Muséum d'Histoire naturelle in Genève 1972 placed at my disposal through the kindness of Dr. Ivan Löbl. Some other species have been received from Dr. Z. Kaszab, Director of the Museum of Natural History in Budapest, from the Zoologische Sammlung des Bayerischen Staates in Munich, and a few specimens also have been found in the left overs of late Forstrat Eggers not exhausted yet. The material of the South India expedition of the Museum Genève has been collected by three members of this institution Dr. Claude Besuchet, Dr. Ivan Löbl and Mr. Robert Mussard, specimens originating from other sources are explained by mentioning the correspondent in brackets.

The bulk of the specimens examined belong to the genera *Poecilips* Schaufuss and *Coccotrypes* Eichhoff, the rest is presented by single specimens or very small series.

NEW RECORDS

Hylesinus despectus Walk.

Kerala: Cardamom Hills, 5 km à l'ouest de Kumily, 1000 m, 6.XI.1972. Souches et troncs d'arbres morts.

Hylesinus dolus n. sp.

Madras: Nilgiri, 7 km à l'ouest de Coonoor, 1350 m, 19.XI.1972. Tamisages en forêt. Besuchet, Lóbl, Mussard.

Trogloditica robusta n. sp.

Madras: Nilgiri, 7 km à l'est de Coonoor, 1350 m, 19.XI.1972. Tamisages en forêt. Besuchet, Lóbl, Mussard.

Cryphalus flabellifer Samps.

Madras: Anaimalai Hills, Cinchona, 3500 ft., V.1968, Nathan (Zool. Samml. München).

Hypothenemus eruditus Westw.

Orissa: Jajpur-Keenjhar, Dist. Daitari, 5.I.1967, in undergrowth; 1.X.1967, beaten; 22.XI.-3.XII.1967, soil trap; 23.XI.1967, sifted litter; Gy. Topál (Mus. Budapest).

Madras: Alagarkovil, à 21 km au nord de Madurai, 250-350 m, 2.XI.1972. Tamisages en forêt, près d'une rivière.

Madras: Cardamom Hills. 6 km au nord-est de Kumily, près de la centrale électrique de Periyar Power, 700 m, 3.XI.1972. Tamisages en forêt.

Kerala: Cardamom Hills, Mundakayam, 100 m, 9.XI.1972. Tamisages dans la plantation d'hévéas.

Madras: Varushanad Hills, Suruli Falls, 550 m, 8.XI.1972. Tamisages en forêt.

Kerala: Cardamom Hills, Periyar Lake, 6 km au sud de l'Hôtel Aranya Nivas, 950 m, 10.XI.1972.

Kerala: Nelliampathi Hills (au nord-ouest des Anaimalai Hills), Pothundy Dam, 300 m, 30.XI.1972. Tamisages en forêt, dans un ravin.

Madras: Alagarkovil, à 21 km au nord de Madurai, 250-350 m, 2.XI.1972. Tamisages en forêt.

Hypothenemus hispidus Egg.

Orissa: Jajpur-Keenjhar, Dist. Daitari, 1.I.1967, beaten, Gy. Topál (Mus. Budapest).

Hypothenemus sundaensis Egg.

Kerala: Calicut Dist., Chembra Peak Area, 3500 ft., VII.1970, T. R. S. Nathan (Zool. Samml. München).

***Cryphalomorphus aspericollis* Eichh.**

Madras: Palni Hills, Kodaikanal, 2100 m, 11.XI.1972. Tamisages dans la forêt au-dessus de la ville.

Madras: Palni Hills, au-dessus de Kodaikanal, 2200 m, 12.XI.1972. Tamisages dans forêt dégradée avec rhododendrons.

Madras: Palni Hills, 23 km à l'est de Kodaikanal, 1200 m, 16.XI.1972. Tamisages en forêt, près d'une rivière.

Madras: Nilgiri, Coonoor, 1600 m, 22.XI.1972. Tamisages dans la forêt en-dessous de la ville.

Kerala: Anaimalai Hills, 48 km au nord-est de Munnar, près du village Maraiyur, 700 m, 24.XI.1972. Tamisages en forêt, près d'une rivière.

Kerala: Nelliampathi Hills (au nord-ouest des Anaimalai Hills), Kaikatty, 900 m, 30.XI.1972. Tamisages en forêt, près d'un ruisseau.

***Cladoctoporus scrofa* n. sp.**

Madras: Andippatti Hills, à 9 km à l'est d'Andippatti, 3.XI.1972. Tamisages parmi les buissons, Besuchtet, Löbl, Mussard.

***Poecilips advena* Blandf.**

W. Bengal: Darjeeling, North Point, 16.X.1967, sifted from litter moss, Gy. Topál (Mus. Budapest).

Orissa: Jajpur-Kronjahr, Dist. Daitari, 22.XI.-3.XII.1967, soil trap, Gy. Topál (Mus. Budapest).

Maharashtra Bhaja, 6.VIII.1967, sifted from litter of mango, Gy. Topál (Mus. Budapest).

Madras: Andippatti Hills, à 9 km à l'est d'Andippatti, 3.XI.1972. Tamisages parmi les buissons.

Kerala: Cardamom Hills, Periyar, environs de l'Hôtel Aranya Nivas, 950 m, 5.XI.1972.

Kerala: Cardamom Hills, Mundakayan, 100 m, 9.XI.1972. Tamisages dans plantation d'hévéas.

Kerala: Cardamom Hills, entre Pambanar et Peermade. 950 m, 9.XI.1972. Tamisages en forêt, près d'une rivière.

Madras: Anaimalai Hills, Valparai, 1100 m, 20.XI.1972. Tamisages dans une forêt avec caféiers.

Madras: Nilgiri, 6 km à l'est de Coonoor, 1400 m, 22.XI.1972. Tamisages en forêt, près d'une rivière.

***Poecilips carpophagus* Horn.**

Madras: Anaimalai Hills, au-dessus d'Aliyar Dam, 550 m, 17.XI.1972. Tamisages en forêt.

Madras: Anaimalai Hills, 18 km au nord de Valparai, 1250 m, 18.XI.1972. Tamisages en forêt.

***Poecilips elongatulus*. n. sp.**

Kerala: Cardamom Hills, Valara Fall, à 46 km au sud-ouest de Munnar, 450-500 m, 25.XI.1972. Tamisages dans la forêt près de la rivière, Besuchet, Löbl, Mussard.

***Poecilips indicus* Egg.**

Kerala: Cardamom Hills, Periyar, environs de l'Hôtel Aranya Nivas, 950 m, 4.XI.1972. Sous les pierres.

Madras: Cardamom Hills, 2 km au nord-est de Kumily, 900 m, 4.XI.1972. Tamisages en forêt.

Kerala: Cardamom Hills, Periyar, environs de l'Hôtel Aranya Nivas, 950 m, 5.XI.1972. Tamisages au pied de bambous près de lac.

Kerala: Cardamom Hills, entre Pambanar et Peermade, 950 m, 5.XI.1972. Tamisages en forêt, près d'une rivière.

Kerala: Cardamom Hills, Periyar, environs de l'Hôtel Aranya Nivas, 950 m, 7.XI.1972. Tamisages en forêt, près du lac.

Madras: Varushanad Hills, Suruli Falls, 550 m, 8.XI.1972. Tamisages en forêt.

Kerala: Cardamom Hills, Mundakayan, 100 m, 9.XI.1972. Tamisages dans plantation d'hévéas.

Kerala: Cardamom Hills, entre Pambanar et Peermade, 950 m, 9.XI.1972. Tamisages en forêt, près d'une rivière.

Kerala: Cardamom Hills, Periyar Lake, Aranya Nivas, 950 m, 10.XI.1972.

Madras: Palni Hills, 29 km à l'est de Kodaikanal, près du village d'Cothu, 1100 m, 11.XI.1972. Tamisages en forêt.

Madras: Palni Hills, 23 km à l'est de Kodaikanal, 1200 m, 16.XI.1972. Tamisages en forêt, près d'une rivière.

Madras: Palni Hills, 36 km à l'est de Kodaikanal, 850 m, 16.XI.1972. Tamisages en forêt, près d'une rivière.

Madras: Anaimalai Hills, au-dessus d'Aliyar Dam, 1150 m, 18.XI.1972. Tamisages en forêt, au pied d'un groupe d'arbres envahis par les lianes.

Madras: Anaimalai Hills, 18 km au nord de Valparai, 1250 m, 18.XI.1972. Tamisages en forêt.

Madras: Nilgiri, 15 km à l'est de Coonoor, 900 m, 19.XI.1972. Tamisages en forêt.

Madras: Anaimalai Hills, Valparai, 1100 m, 20.XI.1972. Tamisages dans une forêt avec caféiers.

Madras: Nilgiri, Coonor, 1600 m, 22.XI.1972. Tamisages dans la forêt en-dessous de la ville.

Kerala: Cardamom Hills, Valara Fall, à 46 km au sud-ouest de Munnar, 450-500 m, 25.XI.1972. Tamisages dans la forêt près de la rivière.

Kerala: Palghat Hills, 10 km au nord de Malampuzha Dam, 150 m, 27.XI.1972.

Madras: Biligiri Rangan Hills (au nord-est des Nilgiri), Dhimbam, 1000 m, 29.XI.1972. Tamisages dans un ravin boisé, au bord d'une rivière.

Kerala: Nelliampathi Hills (au nord-ouest des Anaimalai Hills), Kaikatty, 900 m, 30.XI.1972. Tamisages en forêt, près d'un ruisseau.

- Kerala: Nelliampathi Hills (au nord-ouest des Anaimalai Hills), Pothundy Dam, 300 m, 30.XI.1972. Tamisages en forêt, dans un ravin.
- Madras: Alagarkovil, à 21 km au nord de Madurai, 250-350 m, 2.XI.1972. Tamisages en forêt.
- Ceylon, Central: Kadugannawa, 500 m, 5.XII.1972. Tamisages en forêt, au pied de rochers.

***Poecilips nepheli* Egg.**

- Kerala: Cardamom Hills, entre Pambanar et Peermade, 950 m, 5.XI.1972. Tamisages en forêt, près d'une rivière.
- Kerala: Cardamom Hills, 5 km à l'ouest de Kumily, 1000 m, 6.XI.1972. Tamisages en forêt.
- Kerala: Cardamom Hills, Periyar, environs de l'Hôtel Aranya Nivas, 950 m, 7.XI.1972. Tamisages en forêt, près du lac.
- Madras: Palni Hills, 16 km à l'est de Kodaikanal, 1400 m, 15.XI.1972. Tamisages en forêt.
- Madras: Anaimalai Hills, au-dessus d'Aliyar Dam, 1150 m, 18.XI.1972. Tamisages en forêt, au pied d'un groupe d'arbres envahis par les lianes.
- Madras: Anaimalai Hills, Valparai, 1100 m, 20.XI.1972. Tamisages dans une forêt avec caféiers.
- Madras Nilgiri, Hulical près de Coonoor, sur la rive droite de Coonoor River, 1600 m, 22.XI.1972. Tamisages en forêt, dans un ravin.
- Kerala: Cardamom Hills, Valara Fall, à 46 km au sud-ouest de Munnar, 450-500 m, 25.XI.1972. Tamisages dans la forêt près de la rivière.

***Poecilips papuanus* Egg.**

- Kerala: Cardamom Hills, entre Pambanar et Peermade, 950 m, 9.XI.1972. Tamisages en forêt, près d'une rivière.
- Kerala: Cardamom Hills, Valara Fall, à 46 km au sud-ouest de Munnar, 450-500 m, 25.XI.1972. Tamisages dans la forêt près de la rivière.

***Poecilips salakensis* Schedl**

- Orissa: Jajpur-Keenjhar, Dist. Daitari, 2.-3.I.1967, under bark of tree; 8.I.1967, trap of soil; 23.XI.1967, sifting litter; 29.XI.-3.XII.1967, soil trap; Gy. Topál (Mus. Budapest).

***Poecilips variabilis* Bees.**

- Orissa: Jajpur-Keenjhar, Dist. Daitari, 3.XII.1967, Gy. Topál (Mus. Budapest).

***Coccotrypes elaeocarpi* Bees.**

- Kerala: Cardamom Hills, entre Pambanar et Peermade, 950 m, 9.XI.1972. Tamisages en forêt, près d'une rivière.

Coccotrypes exasperatus n. sp.

Madras: Anaimalai Hills, au-dessus d'Aliyar Dam, 550 m, 17.XI.1972. Tamisages en forêt, Besuchet, Löbl, Mussard.

Madras: Anaimalai Hills, au-dessus d'Aliyar Dam, 850 m, 18.XI.1972. Tamisages en forêt, Besuchet, Löbl, Mussard.

Coccotrypes strigicollis Schedl

Madras: Cardamom Hills, 6 km au nord-est de Kumily, près de la centrale électrique de Periyar Power, 700 m, 3.XI.1972. Tamisages en forêt.

Madras: Varushanad Hills, Suruli Falls, 550 m, 8.XI.1972. Tamisages en forêt.

Kerala: Cardamom Hills, entre Pambanar et Peermade, 950 m, 9.XI.1972. Tamisages en forêt, près d'une rivière.

Madras: Palni Hills, 39 km à l'est de Kokaikanal, 650 m, 11.XI.1972. Tamisages en forêt, dans un ravin.

Madras: Anaimalai Hills, 18 km au nord de Valparai, 1250 m, 18.XI.1972. Tamisages en forêt.

Kerala: Anaimalai Hills, 48 km au nord-est de Munnar, près du village Maraiyur, 700 m, 24.XI.1972. Tamisages en forêt, près d'une rivière.

Kerala: Cardamom Hills, Valara Fall, à 46 km au sud-ouest de Munnar, 450-500 m, 25.XI.1972. Tamisages dans la forêt, près de la rivière.

Kerala: Nelliampathi Hills (au nord-ouest des Anaimalai Hills), Kaikatty, 900 m, 30.XI.1972. Tamisages en forêt, près d'un ruisseau.

Ceylan, Western: Gampaha, 5.XII.1972. Jardin botanique, tamisages au pied de grands arbres avec lianes.

Ceylon, Central: Kadugannwa, 500 m, 5.XII.1972. Tamisages en forêt, au pied de rochers.

Xyleborus andamanensis Blandf.

Madras: Anaimalai Hills, Cinchona, 3500 ft., V.1968, Nathan (Zool. Samml. München).

Xyleborus andrewesi Blandf.

Orissa: Jajpur-Keenjhar, Dist. Daitari, 2.-3.I.1967, under bark of tree, Gy. Topál (Mus. Budapest).

Kerala: Cardamom Hills, 5 km à l'ouest de Kumily, 1000 m, 6.XI.1972. Souches et troncs d'arbres morts.

Madras: Anaimalai Hills, 18 km au nord de Valparai, 1250 m, 18.XI.1972. Tamisages en forêt.

Madras: Nilgiri, 15 km à l'est de Coonoor, 900 m, 19.XI.1972. Tamisages en forêt.

Madras: Anaimalai Hills, Valparai, 1001, 20.XI.1972. Tamisages dans une forêt avec caféiers.

Xyleborus cruralis n. sp.

Siam, from old collection.

Xyleborus globus Blandf.

Kerala: Cardamom Hills, 7 km à l'ouest de Peermade, 800 m, 9.XI.1972. Troncs d'arbres morts.

Xyleborus interjectus Blandf.

W. Bengal: Darjeeling, below North Point, 650-1300 m, 17.IV.1967, singled, Gy. Topál (Mus. Budapest).

Kerala: Cardamom Hills, 7 km à l'ouest de Peermade, 800 m, 9.XI.1972. Troncs d'arbres morts.

Xyleborus lopehuensis Bees.

Madras: Anaimalai Hills, Cinchona, 3500 ft., V.1968, Nathan (Zool. Samml. München).

Xyleborus noxius Samps.

Triwandrum Dt., Poonmudi Range, 3000 ft., V.1971, T. R. S. Nathan (Zool. Samml. München).

Xyleborus perforans Woll.

Orissa: Jajpur-Keenjhar, Dist. Daitari, 24.XI.1967, singled, Gy. Ropál; loc. cit., 22.XI.-3.XII.1967, soil trap, Gy. Topál; loc. cit., 4.XII.1967, under bark, Gy. Topál (Mus. Budapest).

Madhia Pradesh: Jabalpur, town, 27.III.1967, on lamp, Gy. Topál (Mus. Budapest).

Madhia Pradesh: Kanha National Park, 97 km s. of Jabalpur, 9.IV.1967, singled, Gy. Topál (Mus. Budapest).

Kerala: Cardamom Hills, Periyar, environs de l'Hôtel Aranya Nivas, 950 m, 4.XI.1972. A la lumière.

Madras: Anaimalai Hills, 18 km au nord de Valparai, 1250 m, 18.XI.1972. Tamisages en forêt.

Coimbatore, 1400 ft., II.1971, T. R. S. Nathan (Zool. Samml. München).

Xyleborus saxeseni Ratz.

Kashmir: Pahalgam, Sikargar, eastern slope, 2300 m, 3.VI.1967, Gy. Topál (Mus. Budapest).

Xyleborus semiopacus Eichh.

Orissa: Jajpur-Keenjhar, Dist. Daitari, 4.XII.1967, under bark, Gy. Topál (Mus. Budapest).

Madras: Anaimalai Hills, 18 km au nord de Valparai, 1250 m, 18.XI.1972. Tamisages en forêt.

Xyleborus similis Ferr.

Madhia Pradesh: Kanha National Park, 97 km s. of Jabalpur, 3.IV.1967, singled, Gy. Topál (Mus. Budapest).

Coimbatore, 1400 ft., II.1970, T. R. S. Nathan (Zool. Samml. München).

Xyleborus speciosus n. sp.

Bengal: Darjeeling, 3.07, D. M.

Xyleborus strohmeyeri n. sp.

S'ghai (on a bluish paper), Coll. Strohmeyer (on white paper).

Xyleborus turbineus Samps.

Orissa: Daitari, 8.I.1967, from traps of soil, Gy. Topál (Mus. Budapest).

Eccoptopterus spinosus Oliv.

Madras: Anaimalai Hills, Cinchona, 3500 ft., V.1968, Nathan (Zool. Samml. München).

Scolytoplatypus kunala Strohm.

Kashmir: Pahalgam, 2000 m, 5.VI.1967, extracted grass clumps, Gy. Topál (Mus. Budapest).

Kashmir: Gulmarg, 3000 m, 13.VI.1967, under stones, Gy. Topál (Mus. Budapest).

*Platypodidae**Crossotarsus minax* Walk.

Kerala: Cardamom Hills, 7 km à l'ouest de Peermade, 800 m, 9.XI.1972. Troncs d'arbres morts.

Platypus cupulatus Chap.

Madras: Anaimalai Hills, Cinchona, 3500 ft., X.1968, Nathan (Zool. Samml. München).

Platypus cupulifer Wichm.

Kerala: Cardamom Hills, 5 km à l'ouest de Kumily, 1000 m, 6.XI.1972. Souches et troncs d'arbres morts.

Kerala: Trivandrum Ot., Poonmudi Range, 3000 ft., V.1972, T. R. S. Nathan (Zool. Samml. München).

Platypus forficula Chap.

Orissa: Jajpur-Keenjhar, Dist. Daitari, 2.-3.I.1967, under bark of tree, Gy. Topál (Mus. Budapest).

Platypus indicus Stroh.

Kerala: Cardamom Hills, 5 km à l'ouest de Kumily, 1000 m, 6.XI.1972. Souches et troncs d'arbres morts.

Platypus solidus Walk.

Orissa: Jajpur-Keenjhar, Dist. Daitari, 2.-3.I.1967, under bark of tree, Gy. Topál (Mus. Budapest).

Kerala: Cardamom Hills, entre Pambanar et Peermade, 950 m, 9.XI.1972. Tamisages en forêt, près d'une rivière.

DESCRIPTION OF NEW SPECIES

Hylesinus dolus n. sp.

Female.—Piceous, subopaque, 2.0-2.1 mm long, 1.8 times as long as wide. More closely allied to *Hylesinus macmahoni* Stebb., but smaller, stouter, more finely sculptured, and the elytra covered with stout inclined pale scales near the base.

Front somewhat convex, minutely punctulate, rather densely covered with medium sized punctures bearing extreme short inclined hairs, epistomal margin but slightly raised.

Pronotum much wider than long (25 : 17), trapezoid in outline, postero-lateral angles not quite rectangular, sides obliquely narrowed, apex rather narrowly rounded, antero-lateral angles indicated by a few small asperities; disc ascending convex from apex to base, the latter angulate in the middle, surface but very little shining, minutely punctulate and extreme densely and rather finely punctured, with a very short and inclined pubescence. Scutellum small, subcircular and punctured.

Elytra somewhat wider (30 : 25) and twice as long as the pronotum, base angulate and finely crenulate, sides subparallel on basal third, thence gradually incurved, apex rather narrowly rounded, gradually convex from base to apex, a few transverse rugae near base; disc striate-punctate, the striae narrow but well impressed, the striae punctures indistinct, the interstices wide, flat, irregularly and finely granulate-punctate, density of this sculpture corresponding two to threefold rows, with stout small pale and inclined scales near the base, replaced by short more hair like setae behind, on the lower part of the declivital convexity the sculpture little coarser, a median row of hairs on the interstices slightly longer.

The second specimen, probably the male, has the front very slightly concave, the pubescence more prominent.

Holotype (♀) in the Muséum d'Histoire naturelle Genève, one paratype in Collection Schedl.

Type-Locality: Madras: Nilgiri, 7 km à l'est de Coonoor, 1350 m, 19.XI.1972, tamisages en forêt, Besuchet, Löbl, Mussard.

Trogloditica robusta n. sp.

Female.—Piceous, opaque, 2.9-3.6 mm long, twice as long as wide. Compared with *Trogloditica globosa* Egg. the new species is much larger, distinctly stouter, decidedly opaque all over, and the apex of the elytra gradually and rather narrowly rounded.

Front slightly convex from eye to eye, extreme densely and rather finely punctured, the punctures bearing fine pale and inclined hairs, a median longitudinal carina somewhat indicated in the lower part.

Pronotum much wider than long (35 : 23), trapezoid in outline, base strongly angulate, postero-lateral angles not quite rectangular, sides obliquely narrowed, apex fairly wide but broadly rounded, rather uniformly and not very strongly convex from apex to base, surface extreme densely and moderate finely punctured and with short pale inclined pubescence all over. Scutellum not distinct, submerged.

Elytra distinctly wider (40 : 35) and little more than twice as long as the pronotum, base angulate and finely crenulate, sides subparallel on basal third, gradually incurved behind, apex rather narrowly rounded, uniformly convex from base to apex; disc striate-punctate, the striae narrow but distinctly impressed, striae punctures indistinct, interstices wide, flat, very densely and rather finely granulate-punctate and covered with small very stout reddish and inclined scales, their density corresponding threefold rows, on the lower part of the declivital convexity the interstices narrower, a little more convex, the scales arranged in twofold rows.

In some of the specimens at hand a few transverse rugae may be observed near the base of the elytra. What might be regarded as the male has the front very slightly concave below, and with the median carina absent.

Holotype, allotype and 3 paratypes in the Muséum d'Histoire naturelle Genève, 4 paratypes in collection Schedl.

Type-Locality: Madreas: Nilgiri, 7 km à l'est de Coonoor, 1350 m, 19.XI.1972, tamisages en forêt, Besuchet, Löbl, Mussard.

Cladoctoporcus nov. gen.

Body cylindrical, front convex in male, concave in female, eyes short oval, with a shallow emargination on anterior face; antennal scape club-shaped, funicle consisting of two small cylindrical joints and a rather large pedicellus, club elongate, trapezoid on basal half, rounded at the apex, flat, with remotely placed setose punctures on external face. Pronotum elongate, slightly convex from apex to base, disc punctured. Scutellum submerged. Elytra cylindrical, base transverse, apex broadly rounded, declivity convex. Anterior coxae nearly contiguous, anterior tibiae asymmetrically widened distally, dentate on external edge, tarsi cylindrical.

This new genus shows some characters similar to those of *Dolurgus* Eichh. and therefore should be placed in the tribe Crypturgini.

Genotype: *Cladoctoporcus scrofa* n. sp.

Cladoctoporcus scrofa n. sp.

Male.—Ferruginous, 1.4-1.6 mm long, 2.5 times as long as wide.

Front convex, silky shining, minutely punctulate, also with some moderately fine punctures, epistomal margin slightly raised.

Pronotum longer than wide (30 : 25), widest short behind center, postero-lateral angles broadly rounded, sides subparallel on basal third, thence somewhat obliquely narrowed, apex rather broadly rounded, a subapical constriction difficult to distinguish; very slightly convex from apex to base, disc shining, minutely punctulate, except near

apex covered with rather large punctures, erect rather long pubescence on the sides. Scutellum submerged.

Elytra little wider (28 : 25) and 1.2 times as long as the pronotum, sides parallel on basal three fifths, apex abruptly and very broadly rounded, declivity short, restricted to distal third of the elytra; disc shining, rather coarsely and densely punctured, the arrangement rather irregular, on the steeply convex declivity the punctuation somewhat finer, the interstrial punctures bearing (as far as not abraded) very short erect hairs more prominent on declivital convexity.

Female with the front concave from eye to eye, cavity shining, finely punctured, upper margin with a fringe of long incurved hairs. Mandibles with a long slender tooth directed upwards.

Holotype (♂) and allotype (♀) in the Muséum d'Histoire naturelle Genève, two paratypes (♂) in Collection Schedl.

Type-Localty: Madras: Andippatti Hills, à 9 km à l'est d'Andippatti, 3.XI.1972, tamisages parmi les buissons, Besuchet, Löbl, Mussard.

The mandibular appendages of the female obviously are shed after mating as this is the case of some species of the Platypodiid genus *Diapus* Chap.

***Poecilips elongatulus* n. sp.**

Dark brown, 1.6 mm long, 2.6 times as long as wide. A new species somewhat similar to *Poecilips corticis* Bees., but much more slender and the sculpture finer.

Front convex, shining, minutely punctulate, remotely and moderate finely punctured, in the lower part with some downwards directed long hairs.

Pronotum longer than wide (15 : 14), widest near the base, postero-lateral angles about rectangular and distinctly rounded, sides somewhat obliquely narrowed on little more than basal half, apex moderate broadly rounded, without distinct subapical constriction; uniformly convex from apex to base, densely granulate-punctate, near base the asperities obscure, interstices between the punctures or asperities minutely punctulate, with sparse erect pubescence near apex and on the sides. Scutellum small, shining.

Elytra slightly wider (15 : 14) and 1.5 times as long as the pronotum, sides parallel on basal half, apex broadly rounded, declivity commencing after basal half of elytra. obliquely convex; disc rather shining, with fairly regular rows of medium sized punctures, the interstices wide, minutely punctulate and each with a median row of smaller punctures bearing (as far as not abraded) short erect hairs, on the declivity the punctuation finer, the punctures of the interstices replaced by minute pointed granules, the setae regular in arrangement and semierect.

Holotype in the Muséum d'Histoire naturelle Genève, one paratype in Collection Schedl.

Type-Localty: Kerala: Cardamom Hills, Valara Fall, à 46 km au sud-ouest de Munar, 450-500 m, 25.XI.1972, tamisages dans la forêt près de la rivière, Besuchet, Löbl, Mussard.

***Coccotrypes exasperatus* n. sp.**

Dark brown, 1.8-1.9 mm long, 2.3 times as long as wide. A very distinct new species to be placed near *Coccotrypes ceylonicus* Schedl from which it may be distinguished by

the more broadly rounded and unarmed apex of the pronotum, the more uniformly and rather finely sculptured pronotal disc and the rather finely sculptured elytra.

Front convex, rather shining, finely and densely punctured, few erect hairs near anterior margin and along the sides.

Pronotum little wider than long (19 : 18), widest near the base, postero-lateral angles little more than rectangular, scarcely rounded, sides slightly convergent on basal fourth, incurved in front, apex moderate broadly rounded, subapical constriction well marked; summit rather high, situated distinctly behind center, rather uniformly convex from apex to base, densely covered with small asperities, these more crowded on anterior slope, pubescence short and erect. Scutellum submerged.

Elytra but little wider (20 : 19) and 1.5 times as long as the pronotum, sides parallel on basal two fifths, apex broadly rounded, declivity commencing distinctly before the center and obliquely convex; disc covered with rather small punctures, those of the main striae little more closely placed, those of the interstices less so and bearing semierect moderately long hairs, on the declivity all punctures smaller, the pubescence more prominent.

Holotype in the Muséum d'Histoire naturelle de Genève, one paratype in collection Schedl.

Type-Locality: Madras: Anaimalai Hills, au-dessus d'Aliyar Dam, 550 m, 17.XI.1972, 850 m, 18.XI.1972, tamisages en forêt, Besuchet, Löbl, Mussard.

Xyleborus cruralis n. sp.

Female.—Ferrugineous, 2.9 mm long, 2.6 times as long as wide. This new species might be placed near *Xyleborus cruciformis* Schedl, but is distinctly smaller, the pronotum stouter, the saddle-shaped transverse depression of the elytral disc more shallow and gradually disappearing towards the base, abruptly ceasing at the beginning of the declivity.

Front broadly convex, silky shining, minutely punctulate, rather densely but shallowly punctured in the lower two thirds, nearly impunctate towards the vertex.

Pronotum longer than wide (31 : 28), widest in the middle, postero-lateral angles a little more than rectangular, sides slightly divergent in the basal half, very broadly rounded at the apex, the antero-lateral angles distinct; summit somewhat before the center, anterior area rather steeply convex and densely covered with small asperities, basal area subshining, very finely punctured, pubescence short and erect, restricted to the anterior area and the sides. Scutellum submerged.

Elytra as wide and 1.3 times as long as the pronotum, sides parallel on basal half, apex broadly rounded, declivity commencing after the middle, very broadly sulcate, the lateral convexities rather high; disc shining, with not quite regular rows of medium sized punctures, those of the interstices bearing long semierect hairs, the striae punctures with minute inclined setae; at the beginning of the declivity with an upwards directed shining tubercle on the first interstices, six somewhat smaller tubercles in equal distances along the lateral convexities, the last situated on the apical margin in continuation of the second interstices, the broad longitudinal sulcus with densely placed shallow punctures of moderate size giving rise to short erect hairs.

Holotype in collection Schedl.

Type-Locality: Siam, from old collection.

Xyleborus speciosus n. sp.

Female.—Dark brown, 2.5 mm long, 2.7 times as long as wide. A new species of doubtful position, somewhat similar to *Xyleborus sentosus* Eichh., but stouter, the elytral declivity not quite as steep, the apical margin transverse between the small teeth in continuation of the third interstices and the latter forming the sides of a wide but shallow longitudinal depression and carrying about five larger pointed tubercles. Preliminary this new species is placed in the *Xylebori angustati*.

Front broadly convex, subshining, minutely punctulate, sparsely moderate finely punctured, glabrous except for a fringe of pale downwards directed hairs on the epistomal margin.

Pronotum but little longer than wide (23 : 22), postero-lateral angles rectangular and little rounded, sides parallel on basal half, apex broadly rounded, without distinct subapical constriction; summit a little before center, anterior area convex, densely covered with small subequal asperities and with short sparse erect pubescence, basal area subshining, minutely chagreened, and with rather remotely placed small ill defined punctures, a few erect short hairs on the sides. Scutellum difficult to see, submerged.

Elytra but slightly wider and 1.6 times as long as the pronotum, sides parallel on little more than the basal half of the elytra, apex broadly rounded, transverse between the third interstices, declivity short, restricted to the distal third, steeply convex; disc with rows of medium sized rather shallow not closely placed punctures, interstices moderate in width, with more sparsely placed smaller punctures bearing here and there a short erect hair; declivity rather abruptly truncate, transversely impressed within the third interstices, the latter each with a set of five to six pointed tubercles, these smaller above and on the apical margin, a few more of such tubercles and some erect setae on the sides, the impression finely striatepunctate and very shining.

Holotype in Collection Schedl.

Type-Locality: Bengal, Darjeeling, 3.07, D. M.

Xyleborus strohmeyeri n. sp.

Female.—Ferrugineous, 2.6 mm long, 2.4 times as long as wide. The smallest species of the *Xylebori scabrati* of the indomalayan region with all interstices of the elytral declivity uniseriately granulate.

Front broadly convex as far as visible, subshining, finely and very densely granulate-punctate.

Pronotum wider than long (27 : 25), posterolateral angles distinctly more than rectangular, somewhat rounded, sides slightly divergent on basal third, thence incurved, apex very broadly rounded, antero-lateral angles rather distinct; summit rather high and somewhat behind center, anterior area strongly convex, very densely covered with fairly small asperities, basal area granulate-punctate, change of sculpture very gradually, pubescence very short, inconspicuous. Scutellum small, triangular, finely punctured.

Elytra as wide and 1.6 times as long as the pronotum, sides parallel on basal half, apex very broadly rounded, declivity short, restricted to distal two fifths; disc subshining, with rows of medium sized not very closely placed punctures, the interstices wide, uniseriately punctured but the punctures smaller towards the base, less regularly placed,

larger towards the declivity, on the latter replaced by fine granules, the punctures of the main rows in distinctly impressed striae, without conspicuous pubescence, the apical margin finely granulate.

Holotype in Collection Schedl.

Type-Locality: S'ghai (on a bluish paper), Coll. Strohmeier (on white label).

Author's address :

Univ. Prof. Dr. Karl E. Schedl
Pfarrgasse 19
A-9900 Lienz
Austria
